CX Commercial Lighting Control Panels

PROJECT INFORMATION

Project Name

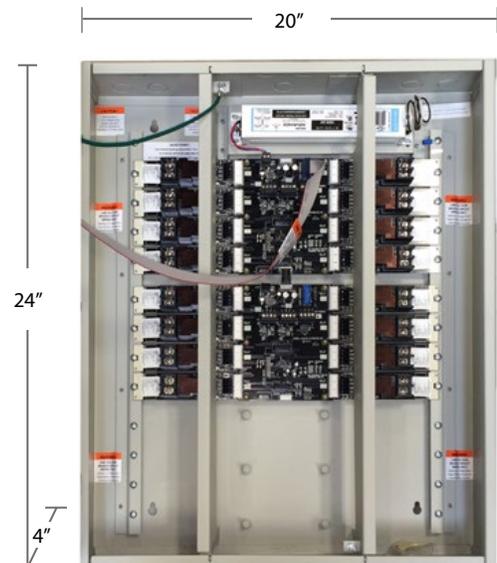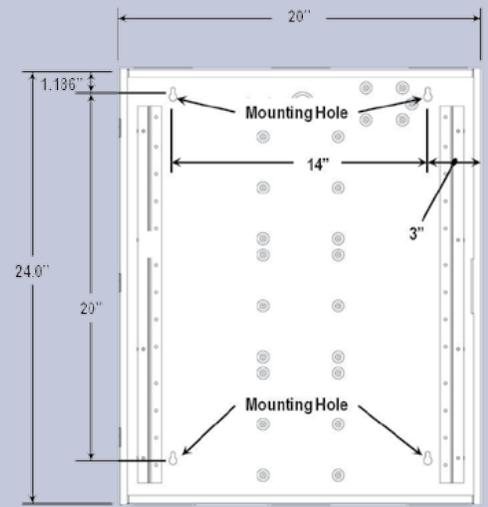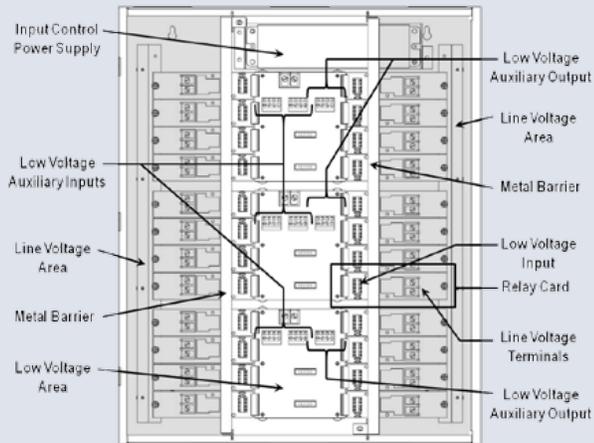Catalog No.   Date

The Hubbell Controls CX Commercial Lighting Control Panels provide feature-rich and cost-effective lighting control for maximum energy savings. The LCD User interface is located in the door and utilized simple and intuitive scrolling menus to program, check status or update the panel. The easy-to-use Pre-Programmed Scenarios Menu makes project commissioning simple and fast.

The CX Panels can save up to 50% in labor and materials when used in place of conventional time clock and contactor combinations. The use of the astronomical clock instead of roof-mounted photocells increases cost savings, lowers maintenance, and improves reliability.

PRODUCT FEATURES

- Two Relay panel sizes – 16 and 24 relay spaces
- Four types of relays – 20A/1P, N/O, 20A/2P, N/O, N/C (14K SSCR) and 30A/1P latching (18K SCCR)
- LCD user interface with keypad
- 365 day programming with 64 schedules
- Astronomical and real time clock
- 20 Programmable dry contact inputs for 16 relay panel; 30 programmable dry contact inputs for 24 relay panel
- Selectable pre-programmed scenarios
- Programmable inputs accept low voltage switches, photocells, or motion sensors
- Two low voltage dry contact output relays on 16 relay panel; three for 24 relay panel
- Program uploads via removable SD memory card
- Listed to UL916, UL924 and cUL
- Five-year limited warranty
- 120-277 Vac

HUBBELL
Control Solutions

General Specifications

Programming and configuration	Programmable via user interface mounted on door Fully programmable by users with door closed and locked
Physical	NEMA 1 surface enclosure Pre-drilled mounting holes for mounting to wall, KOs provided on top and bottom 16 and 24 relay enclosures with hinged locking door
Electrical input	120-277VAC Standard, 347/480VAC Optional
Relays	120 and 277VAC 20 Amp Single Pole Relays (14K SCCR) 120 and 277VAC 30 Amp Single Pole Relays (18K SCCR) 347VAC, 20A, IP Relay (14K SCCR) 208, 240, and 480VAC 20 Amp Double Pole Relays(14K SCCR)
Operating environment	Location: interior space Operating temperature: 0° to 50°C (32° to 112°F) Relative humidity (non-condensing): 10% to 90%
Certifications	Listed to UL916, UL924 and cUL
Warranty	Five-year limited

Ordering Information

CX				S	
MODEL	**SPACES**	**INPUT VOLTAGE**		**ENCLOSURE**	**RELAY QUANTITY**
CX CX Lighting Control Panel	**16** 16 Relay Spaces **24** 24 Relay Spaces	**2** 120-277V Universal **3** 347/480V		**S** NEMA 1 Surface	**00** No Relays - Spaces Only **16** 16 Relays Installed **24** 24 Relays Installed

RELAY TYPE		**OPTIONS**
SP Space Only **2N** 20A 1-Pole Electrically Held N.O. 120-277V 14KSCCR @ 277VAC **3L** 30A 1-Pole Latching 120-277-347V 18KSCCR @ 277VAC, 14KSCCR @ 347VAC **TN** 20A 2-Pole Electrically Held N.O. 480V 14KSCCR @ 480VAC **TC** 20A 2-Pole Electrically Held N.C. 480V 14KSCCR @ 480VAC		**M** Master Panel **S** Secondary Panel (Note 4)

NOTES:

1. 2-Pole relays take the same amount of space as 1-Pole relays.
2. Installed relays must be all of the same type. Relay Type TC and TN not available in fully populate panels and must be ordered separately to be installed in the field. See Relay Specification Sheet.
3. "00" option has no relays, all must be installed in the field.
4. Secondary panel includes (2) master/secondary panel interface cards.